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(54) Title: A METHOD AND A DEVICE FOR PROVIDING IMPROVED SPEECH INTELLIGIBILITY	
Target signal + noise	<pre> graph LR     TS[Target signal + noise] --&gt; M1[Microphone 1 Directional]     TS --&gt; M2[Microphone 2 Omni-directional]     M1 --&gt; A1[A/D]     M2 --&gt; A2[A/D]     A1 --&gt; SA[Separation algorithm]     A2 --&gt; SA     SA --&gt; CU[Calculation unit]     CU --&gt; TS2[Target signal]   </pre>
(57) Abstract	

The invention relates to a method for reduction of noise in an audio signal containing noise and a target signal, the method comprising, providing at least two input signals; processing the input signals by means of an independent component analysis; hereby determining statistical dependencies of signal elements of the two input signals and determining whether statistical dependent signal elements form part of the target signal; outputting a part of the audio signal. The invention further relates to a device for use in reducing noise in an audio signal containing noise and a target signal.